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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/577,936	06/05/2006	Shuichi Kohayashi	127912	9479
25944	7590	01/14/2010	EXAMINER	
OLIFF & BERRIDGE, PLC P.O. BOX 320850 ALEXANDRIA, VA 22320-4850				JACKSON, MONIQUE R
ART UNIT		PAPER NUMBER		
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Continuation of Item No. 5. NOTE: The Applicant's reply has overcome the following rejections:

- Rejection under 112, 2<sup>nd</sup> paragraph as recited in paragraph 2 of the prior office action.
- Rejection over Watanabe et al as recited in paragraph 5 of the prior office action.

Continuation of Item No. 11. NOTE: The Applicant's arguments filed 1/5/2010 have been considered but are not persuasive. The Applicant argues that the references teach applying the coupling agent to the surface of the metallic foil while the instant invention applies the metal layer by vapor deposition after adhering the coupling agent to the thermoplastic film layer wherein the vapor deposition of the metal allows the metal atoms to penetrate into gaps between the organic coupling agent increasing the adhesion between the metal layer and the thermoplastic film layer significantly. However, the Examiner notes that all of the references, with the exception of Watanabe et al which has been withdrawn, teach forming the metal layer by vapor deposition after surface treating the thermoplastic film layer as in the instant invention. Hence, Applicant's arguments have only overcome the rejection with respect to Watanabe et al and the Examiner maintains her position that the instant invention would have been obvious over the teachings of Summers et al, Hara et al, Katsuki et al, or Tanaka et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monique R. Jackson whose telephone number is 571-272-1508. The examiner can normally be reached on Mondays-Thursdays, 10:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Callie Shosho can be reached on 571-272-1123. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Monique R Jackson/  
Primary Examiner, Art Unit 1794  
January 11, 2010